National Water Quality Monitoring Council
Working together for clean water

NWQMC Webinar Series

Cyanobacteria Monitoring:
Perspectives from EPA Region 1

Presented by

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Tuesday, February 23, 2016, 1:00 – 2:00 p.m. EST

The Region 1 EPA will describe/present the New England Regional Cyanobacteria Monitoring and BloomWatch Program, initiated in 2013. The webinar will present the tools, methods, and approaches that have been developed by the region in order to establish consistent monitoring and data collection efforts for addressing the region's cyanobacteria harmful algal bloom issues. Components of the program that will be presented include the use and development of smartphone apps for use with field microscopes for data submission from the field, in-situ field fluorometric methods for determining phycocyanin and chlorophyll concentrations, development of low cost field monitoring "kits," an image based cyanobacteria key, developments in on-site bloom prediction, bloom documentation using smartphone technology and citizen science, and crowd sourced database development. Through the discussion will be highlighted the tiered inclusiveness of the program, with participation and submission of high quality data from "dog walkers" to drinking water purveyors and state/federal water quality program staff. Current status of the program will be presented along with an outline of our 2016 mobile laboratory cyanobacteria training roll out.

The webinar is *free*; **pre-registration is required**. *Please login 10 minutes early.*

To register for this session: Go to https://doilearn.webex.com/doilearn/k2/j.php?MTID=tc5aeff58a5bdd00694fb4796ad662799 and register. Once you are approved by the host, you will receive a confirmation email with instructions for joining the session.